

MEDVEDEV, K.I.; KUNYANSKIY, Ya.I.

Construction of compressor stations for the first section.  
Stroi. truboprov. 8 no.6:22-23 Je '63. (MIRA 16:7)

(Pipelines---Buildings and structures)

KUNYANTS, Ivan Ilyudvigovich, akademik; ASTAKHOVA, Valentina  
Geigor'yevna; GABOVA, K.K., red.

[Challenge to a great secret] Vyzov velikoi tainy. Mc-  
skva, Izd-vo "Znanie," 1965. 47 p. (Novoe v zhizni,  
nauke, tekhnike. XII Serija: Estestvoznanie i religija,  
no. 5) (MIRA 18:5)

VINAROV, Saveliy Mikhaylovich, doktor tekhn. nauk, prof.; DUBININ, G.N.,  
kand. tekhn. nauk, retsenzent; KUNYAVSKAYA, T.M., red.; NOVIK,  
A.Ya., tekhn. red

[Physical metallurgy of airplane metals] Aviatsionnoe metallo-  
vedenie; uchebnoe posobie. Moskva, Gos. nauchno-tekhn. izd-vo  
Oborongiz, 1962. 219 p. (MIRA 15:3)  
(Physical metallurgy) (Airplanes—Materials)

ZHENDAREVA, Ol'ga Grigor'yevna; MUKHINA, Zinaida Stepanovna;  
KUNYAVSKAYA, T.M., red.; PUKHLIKOWA, N.A., tekhn. red.

[Methods of analyzing electroplating baths] Metody analiza gal'vanicheskikh vann. Moskva, Oborongiz, 1963.  
269 p. (MIRA 16:10)  
(Electroplating)

MAKAROVA, Tamara Nikhaylevna; YEVSTROP'YEV, K.S., doktor khim. nauk  
prof., nauchn. red.; KUNYAVSKAYA, T.M., red.

[Causes for the formation of greasy deposits on optical  
parts] Prichiny obrazovaniia zhirovykh naletov na optiche-  
skikh detaliakh. Moskva, Mashinostroenie, 1964. 53 p.  
(MIRA 17:5)

BOKSHTEYN, S.Z., doktor tekhn. nauk, prof.; KONYAVSKAYA, T.M.,  
red.

[Diffusion processes, structure and properties of metal;  
collected articles] Protsessy diffuzii, struktura i svoistva  
metallov; sbornik statei. Moskva, Mashinostroenie, 1964.  
(MIRA 17:4)  
188 p.

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000927530008-7

TIMONOVA, Margarita Aleksandrovna; ROZENFEL'D, I.L., doktor  
khim. nauk, prof., retsenzent; KUNYAVSKAYA, T.M., red.

[Corrosion of magnesium alloys and their protection] Kor-  
roziia i zashchita magnevykh splavov. Moskva, Mashino-  
stroenie, 1964. 285 p. (MIRA 17:7)

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000927530008-7"

SBOFMAN, L.A.; KUNYAVSKAYA, T.M., red.

[Theory and calculation of cold pressing processes] Teoriia i raschety protsessov kholodnoi shtampovki. Izd.2., perer. Moskva, Mashinostroenie, 1964. 373 p.  
(MJRA 17:9)

MOLCHANOV, Yelena Konstantinovna; GLAZUNOV, S.G., doktor  
tekhn. nauk, red.; KULYAVSKAYA, T.M., red.

[Atlas of constitutional diagrams of titanium alloys]  
Atlas diagramm sostoianiiia titanovykh splavov. Moskva,  
Mashinostroenie, 1964. 391 p. (MIRA 17:6)

SAZONOVA, Natal'ya Dmitriyevna; BULYGIN, I.P., kand. tekhn.  
nauk, retsenzent, KUNYAVSKAYA, T.M., red.

[Testing heat resistant materials for creep and lasting  
strength] Ispytanie zharoprovchnykh materialov na polzu-  
chest'. Moskva, Mashinostroenie, 1965. 264 p.  
(MIRA 18:5)

KOSTROV, A.V.; KUNYAVSKIY, B.M.

Temperature conditions of the piston of the MZMA-407 engine.  
Avt. prom. 29 no.8:5-7 Ag '63. (MIRA 16:11)

1. Moskovskiy avtomekhanicheskiy institut.

KOSTROV, A.V., kand. tekhn. nauk; KUNYAVSKIY, B.M.

Temperature of the outlet valve of the MZMA-407 engine.  
Avt. prom. 30 no.5:3-5 My '64. (MIRA 17:9)

1. Moskovskiy avtomekhanicheskiy institut.

KOSTROV, A.V., kand. tekhn. nauk; KUNYAVSKIY, B.M.

Measuring the temperature of the antifriction layer of connecting  
rod bushes. Avt. prom. 31 no.1:3-5 Ja '64.

(MTRA 18:3)

1. Moskovskiy avtomekhanicheskiy institut.

KOSTROV, A.V., kand. tekhn. nauk; KUNYAVSKIY, B.M.

Effect of cooling-water temperature on the thermal conditions of  
parts of motor-vehicle engines. Avt. prom. 31 no.9:3-5 S '65.  
(MIEA 18:9)

1. Moskovskiy avtomekhanicheskiy institut.

L 00726-67 EMT(1)/EMT(m)/T FDN/WW/DJ  
ACC NR: AP6022849 (A)

SOURCE CODE: UR/0113/66/000/004/0001/0003

AUTHOR: Kostrov, A. V. (Candidate of technical sciences); Kunyavskiy, B. M.; Yershov, V. V.

ORG: Moscow Automechanical Institute (Moskovskiy avtomekhanicheskiy institut)

TITLE: Transfer of heat to the lubricating oil in engines

SOURCE: Avtomobil'naya promyshlennost', no. 4, 1966, 1-3

TOPIC TAGS: heat transfer, vehicle engine, lubricating oil, vehicle engine cooling system

ABSTRACT: The authors consider transfer of heat to the lubricating oil in automotive engines under various operating conditions since the lubrication system has become an important factor in lengthening the service life of engines in view of the recent tendency toward increased engine power by raising the efficiency of the combustion cycle and increasing the rpm. Heat is transferred to the oil from components heated by friction and gases and from gases which leak into the crankcase through imperfections in the piston rings. The third factor (leakage of hot gases into the crankcase) was not taken into consideration in analyzing the components of heat transfer as it was assumed that the same quantity of heat is dissipated into the ambient atmosphere from the lower walls of the crankcase during stand testing. Heat transfer to the crankcase oil in the MZMA-408 and ZIL-130 engines was experimentally studied in the Automobile and Tractor Engine Laboratory of the Moscow Automechanical Institute. The two engines were stand tested for approximately the same number of hours corresponding to an automobile trip

Card 1/2

UDC: 536.24.621.431.73

L 00726-67

ACC NR: AF6022849

of 8000 km. The oil cooling system and measuring equipment are described and a diagram is given showing points of measurement. The oil temperature was measured by thermocouples mounted in the oil lines entering and leaving the engine. The readings were recorded by an automatic potentiometer. Provision was made for controlling the flow of water and oil through the cooling system and for controlling and monitoring the oil pressure. Results for the MZMA-408 engine operating at 2200 rpm show an increase in heat transfer to the lubricating oil from 1250 Kcal/hr under idling conditions to 1500 Kcal/hr under full load, i. e., 20%. The corresponding increase in fuel consumption was from 2.0 kg/hr under idling conditions to 6.4 kg/hr under full load. The relative heat transfer, i. e. the ratio between the heat transferred to the oil and the total heat generated during fuel combustion, is reduced from 0.06 under idling conditions to 0.02 under full load. The relative heat transfer for the ZIL-130 engine varies from 0.012 to 0.024. Thus the experimental results show that 1.2-2.5% of the heat generated during fuel combustion is transferred to the oil in automobile engines under load. A reduction from full load to idling conditions increases this heat transfer to 4-6%. This indicates that most of the heat transferred to the oil is due to friction. About 80% of the heat from gases in the combustion chamber is transferred to the cooling system, and only 20% is dissipated into the lubricating oil. This component represents only 20-25% of the total heat transferred to the oil. Orig. art. has: 2 figures, 1 table.

SUB CODE: 13, 21/ SUBM DATE: none/ ORIG REF: 005

Card 2/2 afs

ACC NR: AP7003517

(A)

SOURCE CODE: UR/0113/67/000/001/0011/0013

AUTHORS: Kostrov, A. V. (Candidate of technical sciences); Kunyavskiy, B. M. (Candidate of technical sciences)

ORG: Moscow Automechanical Institute (Moskovskiy avtomekhanicheskiy institut)

TITLE: Effect of the temperature of the exhaust valves on the operating characteristics of an automobile engine

SOURCE: Avtomobil'naya promyshlennost', no. 1, 1967, 11-13

TOPIC TAGS: *VALVE, VEHICLE ENGINE,* high temperature effect, temperature measurement, high temperature valve, internal combustion engine, engine component, engine cooling system, engine exhaust system, engine, engine performance characteristic / MZMA-408<sub>engine</sub>, ZIL 130<sub>engine</sub> VEHICLE VEHICLE

ABSTRACT: Tests were conducted on an MZMA-408 four-cylinder automobile engine to determine the effect of the exhaust valve temperature. The engine was equipped with a special steel exhaust collector through which ran 4-mm diameter copper tubes which sprayed cooling water on the valve at the head-stem junction to produce the desired cooling. The exhaust valve temperature was monitored by a Chromel-alumel thermocouple, and other engine parts temperatures were recorded by Chromel-copel thermocouples. The engine was run with a full load at 1400, 2200, 3000, and 3800 rpm. The temperature effect was greatest at 1400 rpm and produced the following results:

Card 1/2

UDC: 621.431.73.001.4

ACC NR: AP7003517

the cooling water reduced the exhaust valve temperature from 490 to 290C; the weight charge of the cylinder was increased by 5.2%; the slight thinning of the fuel mixture had no effect; other engine parts temperatures did not change; for smooth operation the timing had to be advanced 6°; the power was increased by 7%. For a knocking engine the cooling is more effective when power is increased by 16%. The temperature effect disappeared at 2600 rpm. Using 8-mm tubing, compressed air at 1 kg/cm<sup>2</sup> pressure produced a 50C cooling, and at 2 kg/cm<sup>2</sup> it produced a 100C cooling at 3000 rpm. Since both efficiency and valve life were increased, the tests should be continued for engines with compressors (such as the ZIL-130 automobile engine). To study the thermal conductivity effect of the valve sleeve, three sleeves were tested: the standard powdered metal type of the MZMA-408 engine, the cast iron type of the ZIL-130 car engine, and the bronze sleeve. The maximum temperature change of 25C for the bronze sleeve showed the effect to be insignificant. Orig. art. has: 3 figures.

SUB CODE: 21/ SUBM DATE: none/ ORIG REF: 002/ OTH REF: 001

Card 2/2

RYZHKOV, Yu.D. (Saratov); KUNYAVSKIY, E.B. (Saratov)

Utilization of spent silver solutions. Arkh. pat., 15 no.5:86-87  
S-0 '53. (MLRA 6:12)

1. Iz kafedry biologicheskoy khimii (zaveduyushchiy - professor  
N.N. Ivanovskiy) Saratovskogo meditsinskogo instituta.  
(Stains and staining (Microscopy)) (Silver)

KUNYAVSKIY, G.

Shop committee full of initiative. Sov.profsoiuzy 3 no.8:47-  
48 Ag'55. (MLRA 8:10)

1. Instruktor dorprofsozha Oktyabr'skoy zheleznoy dorogi  
(Socialist competition)

GUSEV, Vladimir Petrovich. Prinimali uchastiye: SAKHAROV, M.A.; OBICHKIN, Yu.G.; FOMIN, A.V.; SEMIKOV, C.A.; NAZAROV, A.S.; ANDREYEVSKIY, M.N., retsenzent; KUNYAVSKIY, G.M., retsenzent; BLINNIKOV, I.V., retsenzent; BEREZNITSKIY, V.S., red.; SUKHANOV, Yu.I., red.; SVESHNIKOV, A.A., tekhn. red.

[Technology of the manufacture of radio electronic equipment] Tekhnologiya proizvodstva radioelektronnoi apparatury. Moskva, Izd-vo "Sovetskoe radio," 1961. 387 p. (MIRA 14:9)  
(Radio—Equipment and supplies)

GUSEV, V.P.; FOMIN, A.V.; KUNYAVSKIY, G.M.; OBICHKIN, Yu.G.;  
MOLOSTOV, Ye.A.; NAZAROV, A.S.; SAKHAROV, M.A.; GREEBNEV,  
A.K.; VARLAMOV, R.G., retsenzent; DEMBITSKIY, L.N.,  
retsenzent; RAKOV, N.A., retsenzent; LYUBIMOVA, T.M., red.;  
BELYAYEVA, V.V., tekhn. red.

[Calculation of electrical tolerances in radio-electronic  
apparatus] Raschet elektricheskikh dopuskov radioelektron-  
noi apparatury. [By] V.P.Gusev i dr. Moskva, "Sovetskoe  
radio," 1963. 366 p. (MIRA 17:1)

KUNYAVSKIY, Kh. N.

BOGDANOV, S.G., kandidat tekhnicheskikh nauk; KUNYAVSKIY, Kh.N., kandidat tekhnicheskikh nauk, retsenzent; KORYUKOV, M.I., kandidat tekhnicheskikh nauk, nauchnyy redaktor; PETERSON, M.M., tekhnicheskiy redaktor

[The metallography and heat treatment of steel] Metallovedenie i termicheskaya obrabotka stali. Izd. 2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. i sudostroit. lit-ry, 1954.  
302 p.

(MIRA 7:9)

(Steel) (Cast iron)

KUNYAVSKIY, M.

Cotton Growing - Uzbekistan

Intro-collective allotment of land for the new irrigation system on enlarged collective farms of Uzbekistan. Khlopkovodstvo no. 6, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November, 1952 ~~1953~~, Uncl.

DAVYDOV, A.; KUNYAVSKIY, M.; MALEVICH, L.; PROSHLYAKOV, V.P.: Prinimali  
uchastiye: SHAPPO, A.F.; CHERVYAKOV, P.Ya.; ORLYANCHIK, M.P.,  
starshiy inzh.; REVUTSKIY, F.A., starshiy pochvoved; GUSKL'NIKOVA,  
O.I., inzh.; GORN, Ye.R., tekhnik; MORKOVINA, T.N., tekhnik.  
BONDARENKO, M., red.; BAKHTIYAROV, A., tekhn.red.

[General plan for organizing the territory of the Golodnaya Steppe]  
General'naya skhema organizatsii territorii Golodnoi stepi.  
Tashkent, Gos.izd-vo Uzbekskoi SSR, 1958. 189 p.

(MIRA 14:3)

(Golodnaya Steppe--Agriculture)

KUNYAVSKIY, M.N., dotsent, kand.tekhn.nauk; KHUDOKORMOV, D.N., kand.tekhn.  
nauk

Dissociation of cementite in white cast iron. Izv.vys.ucheb.zav.;  
mashinostr. no.4:17-23 '60. (MIRA 14:4)

1. Moskovskiy avtomekhnicheskiy institut.  
(Cast iron--Metallography) (Cementite)

DEMIDOVA, T.G., dotsent, kand.tekhn.nauk; KUNYAVSKIY, M.N., dotsent, kand.  
tekhn.nauk

Phosphide eutetic cast irons with spheroidal graphite. Izv. vys.  
ucheb.zav.; mashinostr. no.4:35-39 '60. (MIRA 14:4)

1. Moskovskiy avtomekhanicheskiy institut.  
(Cast iron--Metallography) (Eutetics)

KUNYAVSKIY, M.P., kandidat ekonomicheskikh nauk, redaktor; TATUR, P.K.,  
kandidat tekhnicheskikh nauk, redaktor; BONDARENKO, M.N., redaktor;  
PINKHASOV, Ya.B., tekhnicheskiy redaktor

[Manual for machine-tractor station engineers and organizers of land  
use] Spravochnik inzhenera-zemleustroitelja MTS. Pod obshchey red.  
M.P.Kuniavskogo i P.K.Tatur. Tashkent, Gos. izd-vo UzSSR, 1955. 342 p.  
(MLRA 9:8)

1. Uzbek S.S.R. Ministerstvo sel'skogo khozyaystva. Upravleniye  
zemleustroystva.  
(Agricultural engineering)

AUTHOR: Kunyavskiy, M. Ya., 50-12-12/10

TITLE: On the Transition Coefficient of the Evaporation Plant **GGI-3000** for the **Rybinskoye Reservoir** (O perekhodnom koefitsiente is-pariteley: **ГГИ-3000** dlya Rybinskogo vedokhranilishcha)

PERIODICAL: Meteorologiya i Gidrologiya, 1957, Nr 12, pp. 45-46 (JSSR)

ABSTRACT: It is of great practical interest to state the connection between the quantity of evaporation in an evaporation basin and in an evaporation plant ГГИ-3000, in other words, to carry out the computation, of the so-called transition coefficient  $R = E_0/E_1$ , where  $E_0$  denotes the evaporation from the basin,  $E_1$  - the evaporation from the evaporation plant. The computation of the transition coefficient  $R$  was based on the observations of the summer period 1952-1955. This computation of the coefficient was carried out with respect to the monthly amount of evaporation, because of the diminishing of the exactitude for shorter periods (table 1). V.I. Kuznetsov proposes not to determine the transition coefficient  $R$ , but the correction coefficient  $r$ , which take into account the influence of the constructions of the individual plants, and the temperature conditions of the water in the evaporation plant and in the basin:

Card 1/3

On the Transition Coefficient of the Evaporation Plant GGI-  
3000 for the Rybinskoye Reservoir.

56-12-12/19

$$r = \frac{E_0}{e_0 - e_{200}} : \frac{E_1}{e'_0 - e'_{200}}$$

Here  $e_0$  denote the maximum tension of the water vapor according to the water temperature in the evaporation basin and in the evaporation plant,  $e'_0$  too.  $e_{200}$  - the absolute air moisture in the height of 200 cm. The significances of the correction coefficient  $r$  are computed, too, according to the same data, the quantity  $R$  to which was calculated. The computed quantities are given in table 2. The possible exactitude of the computation of the monthly amount of the basin evaporation is fixed according to the known coefficients  $R$ , or to the evaporation from the surface of the evaporation plant.

Therefore it is necessary to build up the integral curves of the deviations of the computed monthly quantities of the evaporation under application of the coefficients  $R$  and  $r$  (figure 1). These curves show that 80% of the cases of deviation of the computed evaporation from the observed ones do not exceed 12%, and in 50% of the cases it amounts to 2,6% for the coefficient  $R$ , and to 6,8% for  $r$ . As the coefficient  $R$  shows a lower deviation in almost 75% of the cases, than the coefficient  $r$ , it is more expedient for the

Card 2/3

On the Transition Coefficient of the Rybinsk Reservoir. **CGI-** 10-10-10/10  
1966 for the **Rybinskoye Reservoir.**

Water-level Research to estimate evaporation under condition of  
the coefficient R = 0.67. There are 1 figure, 2 tables, and 1  
biblio reference.

AVAILABLE: Library of Congress

1. Evaporation-Analysis

Card 3/3

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000927530008-7

GALITSKIY, B.M.; KUNYAVSKIY, M.Ye.

New end-milling cutter. Mashinostroitel' no.3:26 Mr '64.  
(MIRA 17:4)

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000927530008-7"

RYZHKO<sup>V</sup>, Yu.D.; KUNYAVSKY<sup>I</sup>, Ye.B.

Utilization of used silver solutions. Arkh. pat., Moskva 15 no.5:86-87  
Sept-Oct 1953. (CIML 25:4)

1. Of the Department of Biological Chemistry (Head -- Prof. N. N.  
Ivanovskiy), Saratov Medical Institute.

34

KUNYAYEV, N.

RA 1211

USSR/Engines, Gasoline  
Automobiles

Feb 1947

"The Motor of the Automobile 'Pobeda',"  
N. Kunyayev,  
5 pp

"Avtomobil'" Vol XXV, No 2

General description of the GAZ-20 "Pobeda" (Gorkiy  
Auto Factory). Detailed description with diagrams  
of the GAZ-20 engine (gasoline). This is the  
latest five-passenger car.

12T9

KUNYAYEV, N., inzhener.

Fuel systems in the new GAZ automobiles. Avtomobil' 25 no.5:20-22 My '47.  
(MLRA 6:9)

1. Avtozavod im. Molotova.

(Automobiles--Fuel systems)

VASSEFF'AV, G; KUNYAYEV, N.

Avtomobil' GAZ-67B, By) G. Vasserman I. Moskva, Sel'khozgiz, 1949.  
161 p. Illus., Diagrs.  
Photostat Copy.

So: N/5  
743.21  
.V3

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000927530008-7

KUZYAYEV, N. A.

The "Izheda" M-20 Light Passenger Car, Ministry of Communal Affairs  
RSFSR, Moscow-Leningrad, 1949.

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000927530008-7"

KUNYAV, N.

20962 Kunyav, N. i Yakub, E. Sistemà pitaniya dvigatelya C-AZ-51. Izmeneniya konstauksii i regulirovki. Automobil', 1949, No. 6, s. 16-20.

SO: LETOPIS ZHURNAL STATEY - Vol. 28, Moskva, 1949

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000927530008-7

KUNYAEV, N. A.

The automobile Poljuda M-20.  
Gor'kii. Gor'kovskoe obl. gos. izd-vo, 1950. 182 p. (50-55929)

TL215.P67K8 1950

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000927530008-7"

YY  
KUNIAEV, N.

Legkovoi avtomobil' ZIM. [Light automobile ZIM]. (Avtomobil', 1950, no. 11, p. 18-23,  
illus., diagrs.).

DLC: TL4.A87

SO: Soviet Transportation and Communication. A Bibliography, Library of Congress  
Reference Department, Washington, 1952, Unclassified.

KUNYAYEV, N.

KUNYAYEV

On the quality of book illustrations. Avt.transp.32 no.12:36-37  
(MLRA 8:3)  
D '54. (Automobile engineering--Textbooks) (Illustration of  
books)

VASSERMAN, G.M.; KUNYAYEV, N.A.; LIPGART, A.A., professor, redaktor;  
MATVEYEVA, T.S.N., tekhnicheskiy redaktor

[GAZ-67B automobile] Avtomobil' GAZ-67B. Izd. 3-e, ispr. i dop.  
Moskva, Gos. nauchno-tekhn. izd-vo mashinostroitel'noi lit-ry,  
1955. 186 p.  
(Automobiles)

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000927530008-7

KUNYAYEV, NIKOLAY ARKAD'YEVICH

N/5  
743.2  
.K92

AVTOMOBIL' "GAZ-69" (AUTOMOBILE "GAZ 69") MOSKVA, IZD-VO DOSAAF, 1956

109 p. ILLUSL, DIAGRS., TABLES.

743.2  
743.221

N/5  
N/5

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000927530008-7"

KUNYAYEV, N.<sup>A</sup> konstruktor (Gor'kiy).

New device for transferring gasoline. Za rul. 14 no.5:18 Ag '56.  
(Automobiles--Apparatus and (MIRA 10:1)  
supplies)

KUNYAYEV, N.

KUNYAYEV, N., inzhener.

Floating automobiles. Za rul. no.9:14 '57.

(MLRA 10:9)

1. Gor'kovskiy avtozvod.

(Vehicles, Amphibious)

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000927530008-7

KUNYAYEV, N. A. inzhener (g. Gor'kiy)

The GAZ M-72 automobile. Za rul. 15 no.2:4-5 F '57. (MLRA 10:5)  
(Automobiles--Design and construction)

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000927530008-7"

KUNYAYEV, N.A.; PETROVSKAYA, Ye.K., red.; MANINA, M.P., tekhn.red.

[Manual of the "Volga" automobile for the driver and automobile fan] Shoferu-liubiteliu ob avtomobile "Volga." Moskva, Gos. izd-vo "Fizkul'tura i sport," 1958. 141 p. (MIRA 12:4)  
(Automobiles)

KUNYAYEV, Nikolay Arkad'yevich; TRIPOL'SKIY, L.G., red.; SHPEKTOROVA,  
Ye.I., tekhn. red.

[For the amateur-driver about the "Volga" automobile] Shoferu-  
liubiteliu ob avtomobile "Volga." Izd.2., perer. i dop. Mo-  
skva, Gos.izd-vo "Fizkul'tura i sport," 1961. 174 p.

(MIRA 15:4)

(Automobiles)

KUNYAYEV, N., inzh.

The M-22B ambulance. Avt.transp. 40 nc.10:44 0 162. (MIRA 15:11)  
(Ambulances)

KUNYAYEV, Ye. V.

RUPPENEYT, K.V., kandidat tekhnicheskikh nauk; KUNYAYEV, Ye. V., inzhener.

The problem of pressure exerted by waste on confining surfaces.  
Trudy VNIMI no.25:12-46 '52. (MIRA 8:3)  
(Mining engineering)

KUNYAYEV, Ye.V., inzhener.

Possible loss reduction around safety pillars in thick steeply  
pitching coal seams in the Kuznetsk Basin. [Trudy] VNIMI no.  
28 :3-23 '54. (MLRA 8:1)  
(Kuznetsk Basin--Coal mines and mining)

Kunyayev, Ye. V. 15-57-7-10202  
Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 7,  
p 224 (USSR)

AUTHOR: Kunyayev, Ye. V.

TITLE: Effects of Rock Pressure on Layer Mining and Cementing  
of Thick Inclined Strata in the Imeni Stalin Mine in  
Kuzbas (Proyavleniya gornogo davleniya pri razrabotke  
moshchnykh krutopadayushchikh plastov sloyevymi  
sistemami s zakladkoy na shakte im. Stalina v Kuzbasse)

PERIODICAL: Materialy 1-y obl. nauch.-tekhn. konferentsii  
ugol'shchikov po okhrane nedr Kuzbassa, 1954 g.,  
Kemerovo. Knigoizdat, 1955, pp 73-88

ABSTRACT: The present article sets forth the results of studies  
of rock pressure in mining thick, steeply inclined  
strata of the Prokop'yevsk-Kiselev area of the Kuzbas.  
The studies were conducted by the Siberian Branch of  
the USSR Mine Surveying Research Institute. The

Card 1/4

15-57-7-10202

## Effects of Rock Pressure on Layer Mining (Cont.)

deposit was mined both by inclined layers upward, using hydraulic cementing, and by horizontal layers downward, using pneumatic cementing. Displacement and deformation of the bed and also fissure formation were noticeably intensified as layers were removed upward, in mining and hydraulic cementing of inclined layers. The displacement and deformation did not reach large proportions if operations were continuous and if the rate of operation was greater than or equal to the rate of development of the deformations. The settling of the mass of cement along the incline was equal to 1 to 2 mm/day when the distance from the surface of the top layer was up to 10 m; 0.5 to 0.6 mm/day for a distance of 12 m to 28 m; and 0.1 mm/day for a distance of 28 m to 44 m. Signs of displacement of the bed down the incline were observed at a height of 53 m from the roof of the active layer. The displacement of the bed amounted to 0.5 m to 0.7 m at the roof of the active layer; in removal of the final (upper) layers of the level, it amounted to 1.4 m. Displacement of the hanging wall of the bed was almost normal to the plane of the bed and amounted to 1 or 2 to 5 to 8 mm/day. It was established

Card 2/4

15-57-7-10202

Effects of Rock Pressure on Layer Mining (Cont.)

that supporting timbers set in cement in chambers, crosscuts, main drifts and lateral drifts last in a satisfactory state for a long time. Absence of concentrated loads on the timbers extends the period of possible operations in the supported zone. A number of rules are given for mining by inclined layers with the use of hydraulic cement. Displacement of the roof of the bed is greater in downward mining a thick steeply inclined bed by horizontal layers with the use of pneumatic cement than in upward removal of inclined layers with the use of hydraulic cement. It amounted to 30 to 32 percent of the thickness of the bed after removing 16 layers over a period of 19 months. Settling of the cement layer amounted to 1.2 to 1.7 percent in 10 days. The cement was unable to support the material between the levels in this system of mining. General conclusions are that the system involving downward removal of horizontal layers with the use of pneumatic cement is less suitable than the system of upward removal of inclined layers with the use of hydraulic cement from the standpoint of support of the suspended

Card 3/4

Effects of Rock Pressure on Layer Mining (Cont.)

15-57-7-10202

material and of the surface of the earth. The coefficient of refilling of the mined-out space is 1.45 times greater in mining a deposit by inclined layers with the use of hydraulic cement than in mining the same deposit by horizontal layers with the use of pneumatic cement. Displacement of the roof rock, and hence of the surface to the earth, in mining by the first method is half as large as that which results from mining by the second method.

Card 4/4

G. A. Teplitskiy

*Kunayev, Ye. V.*

KUNAYEV, Ye.V., inzh.

Calculating pillars by the ellipse of influence method. [Trudy] VNIMI  
no.31:58-61 '57. (MIRA 11:1)  
(Mining engineering) (Strains and stresses)

BELOV, Yu.D., gornyy inzh.; KUNYAYEV, Ye.V., gornyy inzh.; OKHRIMENKO, V.A.

Manifestation of rock pressure in mining flat seams by the  
hydraulic method. Ugol' 34 no.1:33-38 Ja '58. (MIRA 12:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy marksheyderskiy institut  
(for Belov, Kunyayev). 2. Vsesoyuznyy nauchno-issledovatel'skiy  
institut Gidrougol' (for Okhrimenko).  
(Hydraulic mining) (Subsidence (Earth movements))

BELOV, A.A.; BELOV, Yu.D.; BEZHETSKIY, A.Ye.; KUNYAYEV, Ye.V.;  
LYALIKOV, G.I.; PETROV, N.S.; SLAVONOSOV, A.Kh.;  
BOLDYREVA, Z.A., tekhn. red.

[Concise mine surveyors' reference book] Kratkii spravochnik  
marksheidera shakhty. Moskva, Gosgortekhizdat, 1962. 416 p.  
(MIRA 15:9)  
(Mine surveying)

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000927530008-7

KUNYAYEV, Ye.V., inzh.; SHIK, V.M., inzh.

Displacement of rocks during the use of the shield mining  
method. [Trudy] VNIMI no.47:32-40 '62 (MIRA 17:7)

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000927530008-7"

BOKSHTEYN, S.Z., doktor tekhn. nauk, prof., red.; TRUSOVA, Ye.F.,  
kand. tekhn. nauk, red.; KUNYAYEVSKAYA, T.N., red.

[Phase constitution, structure and properties of addition  
alloy steels and alloys] Fazovyj sostav, struktura i svoi-  
stva legirovannykh stalei i splavov. Moskva, Mashino-  
stroenie, 1965. 231 p. (MIRA 18:4)

KUN'YEV, V.V. (Moskva)

Effect of low doses of DDT on the phagocytic reaction of the blood  
in white rats. Vop.pit. 24 no.3:74-78 My-Je '65.

(MIRA 18:12)

1. Kafedra gigiyeny pitaniya (zav. - prof. F.Ye.Budyagin)  
TSentral'nogo instituta usovershenstvovaniya vrachey,  
Moskva. Submitted June 25, 1964.

KUNYSHEVA, V.

Building contracts should become more important. Fin.SSSR  
20 no.10:63-66 O '59. (MIRA 12:12)  
(Building--Contracts and specifications)

TRUNOV, Yuryi Ivanovich; KUNYSHEVA, V.P., red.; DEMENT'YEV, V.A.,  
red.izd-va; STOLYAROVA, M.T., tekhn.red.

[Business accounting and profit. Value and costs; manual for  
teachers in special secondary schools] Khozisistvennyi  
raschet i rentabel'nost'. Stoimost' i sebestoimost'; v pomoshch'  
prepodavateliam srednikh spetsial'nykh uchebnykh zavedenii.  
Moskva, Gos.izd-vo "Vysshaisia shkola," 1960. 55 p.

(MIRA 14:2)

(Finance)

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000927530008-7

KUNYSZ, Narcyz, mgr inz.

Mining conditions of caved longwalls in the Nowy Kosciol  
mine. Rudy i metale 9 no.10:542-546 0 '64.

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000927530008-7"

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000927530008-7

KUNYSZ, Narcyz, mgr inz.

Hydrogeologic conditions in the southern part of the Zlotorya  
Basin. Rudy i metale 9 no. 1: 31-35 Ja '64.

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000927530008-7"

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000927530008-7

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000927530008-7

Kunz, Alfons

H-25

HUNGARY/Chemical Technology - Chemical Products and Their Application, Part 3. - Carbohydrates and Their Treatment.

Abs Jour : Ref Zhur - Khimiya, No 7, 1958, 2296<sup>4</sup>  
Author : Alfons Kunz, Istvan Toth  
Inst : -  
Title : Study of Nitration with Mixed Acids. I.  
Orig Pub : Magyar kem. folyoirat., 1957, 63, No 8, 201-206

Abstract : The methods, equipment and results of experiments with the nitration of starch with mixtures of acids ( $\text{HNO}_3$  and  $\text{H}_2\text{SO}_4$ ,  $\text{HNO}_3$  and  $\text{H}_3\text{PO}_4$  and  $\text{P}_2\text{O}_5$ ), and of the study of the viscosity of obtained products are described. It is found that if the dispersion was good, the reaction of starch nitration proceeds very rapidly, should active mixtures and the necessary temperature be applied. The curve character (on a triangular graph) in the case of nitric

Card 1/2

H-25

HUNGARY/Chemical Technology - Chemical Products and Their Application, Part 3. - Carbohydrates and Their Treatment.

Abs Jour : Ref Zhur - Khimiya, No 7, 1958, 2296<sup>4</sup>

acid is identical to those in case of mixtures of nitric acid with other acids, the reaction duration being the same. The curve of the dependence of the nitration reaction rate on the temperature in the case of mixed acids is very close to a straight line. At the nitration with mixed acids, the reaction of starch molecule modification (determined by the viscosity change) proceeds extraordinarily rapidly at first, but later the reaction slows down relatively with the accumulation of nitration products; a temperature drop slows the reaction down also.

Card 2/2

KUNZ, A., GIVER, J.

Studies in the field of nitration by acid mixtures. III. de-mannite hexanitrate.  
Duration of nitration, nitrogen content, yields. In German, p. 393

ACTA CHIMICA. Budapest, Hungary, Vol. 20, No. 4, 1959

Monthly List of East European Accessions, (EEAI) LC, Vol. 9, No. 2, Feb 1960  
Uncl.

KUNZ,Alfonz; KOMPOLTHY,Tivadar; BALOGH,Csaba

Studies in the field of nitration with mixed acids.IV.Nitro-cellulose;duration of nitration;reaction heat. Magy kem f lyoir 68 no.4:171-174 Ap '62.

KUNZ, Alfons; GIBER, Janos; DOBIS, Otto

Studies in nitration with mixed acids. Pts. 2-3. Magy kem  
folyoir 65 no. 5:174-180 My '59.

1. Budapesti Muszaki Egyetem Ipari Szerves-Kémiai Tanszeke.

KUNZ, E.

"Potato production in Czechoslovakia."

P. 16. (Vestnik. --Praha, Czechoslovaka.) Vol. 5, no. 1, 1958.

SO: Monthly Index of East European Accession (EEAI) LC, Vol. 7, No. 5, May 1958

KUNZ, E.

Material on the toxicology of ethyl thiocyanate. Trudy LSGMI  
45:46-49 '58 (MIRA 11:11)

1. Kafedra gigiyeny truda s klinikoy profzavolevaniy Leningradskogo  
sanitarno-gigiyenicheskogo meditsinskogo instituta (zav. kafedroy  
- prof. Ye.TS. Andreyeva-Galanina).  
(THIOLYTIC ACID--TOXICOLOGY)

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000927530008-7

KUNZ, E.

Work physiology. Pracovni lek. 14 no.1:1-5 '62.  
(EXERTION)

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000927530008-7"

KUNZ, EMIL

Chmel. Praha, Statni pedagogicke nakl., 1956. 127 p. (Ucebni texty  
vysokych skol) (Hops; a university textbook)

DA Not in DLC

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

MALON, Frantisek, MUDr., KUNZ Gottwaldov.

A sectioned glass blower pipe. Pracovni lek. 7 no.3:167 May 55.

(GLASS  
blowing, sectioned pipe)  
(APPARATUS AND INSTRUMENTS  
glass blowing pipe, sectioned)

KUNZ, Gunther

Pathogenesis of extramedullary myelopoiesis in the spleen. Cas. lek.  
cesk 97 no.17, Lek. veda zahr:88-94 25 Apr 58.

I. II. lekarska universitni klinika Charite Berlin, red. prof. dr.  
A. Krautwald Psano pro Lekaraku veda v zahranici.

(BONE MARROW,

extramedullary myelopoiesis in spleen (Cz))

(SPLEEN,

extramedullary myelopoiesis (Cz))

KUNZ, Hans Georg

Battelle Technical Review  
July 1954  
Metals-Mechanical Working

①  
19171\* The Suitability of Different Fuel Gases for Oxygen  
Flame Cutting. (German and French.) Hans Georg Kunz.  
Zeitschrift für Schweißtechnik, v. 44, no. 9, Mar. 1954, p. 59-63.  
Relative values of acetylene, illuminating gas, propane, and  
hydrogen. Effects on quality of the cut and properties of  
metals. Diagrams, graphs, micrographs, photographs, tables.  
(To be continued)

CHALUPA, B.; KUNZ, I.

A method for the study of static reactions of the hand. Activ. nerv.  
sup. 4 no.2:187-188 '62.

1. Klinika nemoci z povolani v Brne, Ustav pristrojove techniky CSAV  
v Brne.

(HAND physiol)

CHALUPA, Bohumir; KUNZ, Ivo

Method of analyzing static reactions of the hand and possibilities  
of their practical use. Prac. lek. 16 no.8:352-356 O '64.

1. Klinika nemoci z povolani lekaraka fakulty University J.E. Purkyne  
v Brne (prednosta doc. dr. J. Vyskocil) a Ustav pristrojove techniky  
Ceskoslovenskej akademie ved v Brne.

BARTA, Karol; KUNZ, Jadwiga

Toxic epidermal necrolysis (Lyell). Ped. Pol. 40 no.4:425-427  
Ap'65.

1. Z Oddzialu Dzieciec~~e~~go Zakaznegc Miejskiego Szpitala  
Specjalistycznego w Krakowie (Ordynator: dr. med. K. Bartaj;  
Dyrektor: dr. med. H. Brajer).

KUNZE, Jurgan, Dipl.-Math.

On syntactic synthesis. Kybernetika 1 no.1:85-102 '65.

1. School of Mathematical and Applied Linguistics and of  
Automatic Translation of the German Academy of Sciences,  
Berlin W 8, Mohrenstrasse 39, German Democratic Republic.  
Submitted September 16, 1964.

KUNZ, Karlovy V.

MESTAN, J.F., MUDr; KLIKA, J., MUDr, KUNZ, Karlovy Vary.

Lestradet's reagent to acetic acid and acetone. Cas. lek. cesk.  
93 no. 44:1231-1233 20 Oct 54.

1. Z interniho oddeleni (prim. MUDr J. Havranek) a z centralnich  
laboratori (prim. MUDr E. Petracek)

(URINE,

acetic acid & acetone, determ., Lestradet's reagent)  
(ACETIC ACID, in urine,

determ., Lestradet's reagent)

(ACETONE, in urine,

determ., Lestradet's reagent)

KUNZ, Karol, mgr; DUCZYMINSKA, Eliza, mgr; OSTACHOWSKA, Janina, mgr

Determination of nickel in copper ores and concentrates.  
Rudy i metale 9 no. 1: 35-39 Ja '64.

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000927530008-7

KUNZ, Karol, mgr; DUCZYMINSKA, Eliza, mgr

Determination of cobalt in copper ores and concentrates. Rudy  
i metale 8:302-306 Ag '63.

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000927530008-7"

OSTACHOWSKA, Janina, mgr. (Krakow); KUNZ, Karol, mgr. (Krakow)

Determination of small content of bivalent ferrous  
carbonate in rocks. Cement wapno gips 17 no.3:89-90  
Mr '62.

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000927530008-7

DUCZYMINSKA, Eliza, mgr.; KUNZ, Karol, mgr.; OSTACHOWSKA, Janina, mg.

Determination of molybdenum in copper ores and concentrates.  
Rudy i metale 10 no.1:28-30 Ju '65.

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000927530008-7"

JINDRA, A., prof. Dr.Mr.,(Kalinciakova 8, Bratislava); KUNZ, K.; SIPAL, Z.

The metabolism of mesocaine in vitro. Cesk. farm. 14 no.6:319-322  
Ag '65.

1. Katedra biochemie prirodovedecké fakulty Karlovy University,  
Praha a Katedra biochemie a mikrobiologie farmaceutické fakulty  
Univerzity Komenského, Bratislava. Submitted November 20, 1964).

L 29473-66

ACC NR: AP6019978

SOURCE CODE: CZ/0079/65/007/003/0263/0263

35  
BAUTHOR: Simane, Z. (Prague); Kunz, K.; Benesova, O.ORG: Institute of Pharmacology, Medical School of Hygiene, PragueTITLE: Levels of pyruvic and alpha-keto-glutaric acid in the brain of rats with different central nervous excitability [This paper was presented at the 7th Annual Psychopharmacological Meeting, Jesenik, 20-23 January 1965.]SOURCE: Activitas nervosa superior, v. 7, no. 3, 1965, 263-TOPIC TAGS: brain, biochemistry, rat, central nervous system, neurophysiologyABSTRACT: Two groups of rats were investigated; the difference between the two groups was based on the intensity of exploratory activity. The levels of pyruvic and alpha-keto-glutaric acids in the brain were 2-3 times higher in the more active group. Orig. art. has: 1 figure. [Orig. art. in Eng.] [JPRS]

SUB CODE: 06 / SUM DATE: none

Card 1/1 JV

KUNZ, Kosice  
RUZICKA, A., KUNZ, Kosice

Co-operation of the pediatritian and stomatologist in prevention  
and control of the diseases of the teeth. Lek. obzor 3 no.7-8:  
437-440 1954.

1. Zo Stomatologickej kliniky IFSU, Kosice  
(TEETH, diseases  
in child., prev. & control, cooperation of pediatritian  
& stomatologist)

JADRNY, Jaroslav vedouci anestesiolog KUNZ, Zdenek: elak

Use of neuroplegic drugs in spontaneous delivery. Cesk. gyn. 23[37]  
no.7:524-527 Oct 58.

1. Por. gyn. odd. KUNZ K, Vary, prednostu prim MUDr. Vanda Jurcikova.  
(AUTONOMIC DRUGS, ther. use  
neuroplegic drugs, adjuvants in labor (Cz))  
(LABOR, anesth. & analgesia  
adjuvant neuroplegic drugs (Cz))

Country : DDR  
Category : Physical Chemistry - Crystals.  
Abs. Jour : RZhKhim., No 15, 1959 P  
44894  
Author : Kunze, G.  
Institut. : Not given  
Title : The Wave-like Structure of Antigorite. II.  
Orig. Pub. : Z Krist, 110, No 4, 282-320 (1953)  
Abstract : The previously developed (Communication I, RZhKhim, no 11, 1958, 35204) theory of the wave-like structure of antigorite, based on the results of the analysis of the RHO reflections, according to which antigorite consists of alternately curved layers parallel to the b-axis (with the Si tetrahedra in adjoining semiwaves connecting to different sides of the net of Mg-octahedra), has been subjected to a more detailed analysis on the basis of the total information obtained from powder diffraction patterns, oscillation patterns, and Weissenberg patterns. The sub-cell ( $a = 43.3$ ,  $b = 9.25$ ,  $c = 7.27 \text{ kX}$ ,  $\beta = 91.6^\circ$ ) defined by the corrugations can

Card: 1/3

|            |     |   |                    |
|------------|-----|---|--------------------|
| Country    | :   | DDR   | P                  |
| Category   | :   | Physical Chemistry - Crystals.  |                    |
| Abs. Jour  | :   | RZhKhim., No 13, 1959   | 44830              |
| Author     | :   |   |                    |
| Institut.  | :   |   |                    |
| Title      | :   |   |                    |
| Orig. Pub. | :   |   |                    |
| Abstract   | :   | predominant amount. It has been found that the structure of freshly prepared films is strongly distorted. Annealing at temperatures of 350-450°K leads to the attainment of a more stable state. In the region of large component concentrations crystals of the NaCl type are formed. When the concentrations of the components are equal, amorphous CF are obtained, which at 270°K are converted to a mixture of the crystals of the starting components. A phase diagram for the CF obtained from system III at low temperatures is given. For Communication II see RZhKhim., 1956, No 18, 57529. |                    |
| Card:      | 3/3 |   | Sobrad. Zakharenko |

|            |     |  |       |
|------------|-----|--|-------|
| Country    | :   | GDR  | B     |
| Category   | :   | Physical Chemistry - Crystals.   |       |
| Abs. Jour  | :   | RKhKhim., No 13, 1959  | 44396 |
| Author     | :   |  |       |
| Institut.  | :   |  |       |
| Title      | :   |  |       |
| Orig. Pub. | :   |  |       |
| Abstract   | :   | In the rare antigorites with a whole number of $a_1$ pericells of the tetrahedral net falling in the superperiod A, such a structure will be found in the edge inflection lines as well. Depending on the m-number of the Si groups falling in the period A, the various antigorites are described by the general formula $m[\text{Al}_1\text{Si}_3(1-m)\text{O}_1]_{1+3(1-m)}\text{Si}_2\text{O}_5]$ when $m = 2n + 1$ , A will contain a half-number of $a_1$ , and when $m = 2n$ , A will contain a whole number of $a_1$ . |       |
|            |     | B. Zvyagin   |       |
| Card:      | 5/3 |  |       |

KUNZE, W. YUGOSLAVIA / Chemical Technology. Artificial and  
Synthetic Fibers.

H

Abs Jour: Ref Zhur-Khimiya, No 22, 1958, 75874.

Author : Kunze, W.

Inst : Not given.

Title : The R — TREVIRA, a New Synthetic Fiber.

Orig Pub: Tekstil, 1957, 6, No. 3, 250-255.

Abstract: A scheme for the preparation and the properties of the fiber from polyethylene terephthalate are described.

Card 1/1

77

KUNZIK, W.

Graphic tachymeter.

I. 65 (PRZEGLAD GOSCI ZYJACY) Poland, Vol. 13, No. 2, Feb. 1957

SO: Monthly Index of European Accessions (AEEI) Vol. 6, No. 11, November 1957

HUNZELMANN, H.

"Finishing method for the production of creaseproof cotton goods.", p. 13, (TEXTILE, Vol. 2, no. 6, June 1951, Bucuresti)

SO: Monthly List of East European Accession, Vol. 2, no. 8, Library of Congress,  
August 1953, Uncr.

KUNZFELD, J.

An artificial dog. p. 39.

NOVINKY ZAHRANICNI LITERATURY. PRIRODNÍ VĚDY, MATEMATIKA. KNIHY. (Statni knihovna ČSR. Universitní knihovna v Praze) Praha, Czechoslovakia. no. 4, 1958.

Monthly list of East European Accessions (EEAI) LC. Vol. 9, no. 1, January, 1960.

Uncl.

CZECHOSLOVAKIA/Optics - Photometry. Colorimetry.

K

Abs Jour : Ref Zhur Fizika, No 2, 1960, 4815

Author : Kunzfeld, Jan

Inst : -

Title : Electronic Exposure Meter and Meter for Color Temperature

Orig Pub : Jemna mech. a opt., 1959, 4, No 1, 9-13

Abstract : In the exposure meter, intended for measurement in the visible and infrared regions of the spectrum, the light receiver is a vacuum photomultiplier, connected in a dc amplifier bridge circuit. The high sensitivity of the instrument makes it possible to reduce the angular field of view to 8°. The spectral sensitivity of the instrument is corrected for the measurement of three types of materials in the visible region of the spectrum and two types in the infrared region. The determination of the color temperature from the red-blue ratio is provided for.

Card 1/1

- 123 -

BOHUN, A.; DOLEJSI, J.; KADERKA, M.; KANTUREK, J.; KUNZLOVA, I.; LEBL, M.;  
TRNKA, J.

Photoluminescence and related phenomena of NaCl crystals con-  
taining Cd and Co. Acta phys Hung 14 no.2 3:246-253 '62.

1. Institut fur Technische Physik der Tschechoslovakischen  
Akademie der Wissenschaften, Prag, CSSR. Vorgelegt von  
G. Szigeti [Gyorgy Szigeti]